## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	25374	((multi\$1frequenc\$3 multi\$1band\$1) (multi near3 frequenc \$4 band\$1)) and (spac\$4) and (frequenc\$4 near3 modulat\$4) and (binary\$1 ((one "1") near10 (zero "0")))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28
L3	25374	L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:51
L4	1449	((multi\$1frequenc\$3 multi\$1band\$1) (multi near3 frequenc \$4 band\$1)) and (spac\$4) same (frequenc\$4 near3 modulat\$4) same (binary\$1 ((one "1") near10 (zero "0")))	US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:51
L5	1449	L4	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:51
L6	768	((multi\$1frequenc\$3 multi\$1band\$1) (multi near3 frequenc \$4 band\$1) same (spac\$4) same (frequenc\$4 near3 modulat\$4) same (binary\$1 ((one "1") near10 (zero "0")))	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:51
L7	768	L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:51

L8	15	((multi\$1frequenc\$3 multi\$1band\$1) (multi near3 frequenc \$4 band\$1)) with (spac\$4) with (frequenc\$4 near3 modulat\$4) with (binary\$1 ((one "1") near10 (zero "0")))	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:52
L9	15	L8	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:52
L10	25588	"s142"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:52
L11	25588	"s142"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:52
L12	1	((multi\$1frequenc\$3 multi\$1band\$1) (multi near3 (frequenc \$4 band\$1))) with (spac\$4) with (frequenc\$4 near3 modulat\$4) with (binary\$1 ((one "1") near10 (zero "0")))	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:52
L13	1	L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:52
L14	759	band\$1 same spac\$4 same (frequenc\$4 near3 modulat\$4) same (binary\$1 ((one "1") near10 (zero "0")))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:52

L15	759	L14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:52
L16	5018	"\$145"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L17	661	band\$1 same spac\$4 same (frequenc\$4 near3 modulat\$4) same (((one "1") near10 (zero "0")))	US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L18	661	L17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L19	3119	"\$147"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L20	3119	"\$147"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L21	0	error\$1 near10 correct \$4 near10 amplitud\$3 near10 order\$1 near10 ((multi \$1frequenc\$3 multi \$1band\$1) (multi near3 (frequenc\$4 band\$1)))	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L22	0	L21	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53

L23	206	error\$1 near10 correct \$4 near10 amplitud\$3 near10 order\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L24	206	L23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L25	16379	"s150"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L26	2	error\$1 near10 correct \$4 near10 amplitud\$3 near10 order\$1 near10 (audio speech \$3 acoustic\$4)	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L27	2	L26	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L28	6402	"s152"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L29	53	(error\$1 near10 correct\$4 near10 amplitud\$3 near10 order\$1) and (audio speech\$3 acoustic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L30	53	L29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53

L31	5218	"\$154"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L32	18	(error\$1 near10 correct\$4 near10 amplitud\$3 near10 sequenc\$3) and (audio speech\$3 acoustic\$4)	US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L33	18	[.32	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L34	4179	"\$156"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L35	3077	"\$157"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L36	5075487	(error\$1 near10 correct\$4 near10 amplitud\$3 near10 ( order\$4 sequenc\$3)) \ and (audio speech \$3 acoustic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L37	5075487	L36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L38	71	(error\$1 near10 correct\$4 near10 amplitud\$3 near10 ( order\$4 sequenc \$3)) and (audio speech\$3 acoustic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53

L39	71	L38	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:53
L40	13497	"s160"	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L41	1	("6594052").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2009/11/28 16:54
L42	1	L41	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L43	1	L41 and address\$3	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L44	1	L43	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L45	24	(US-20050180263-\$) or US-20050151640-\$) or US-20050151640-\$) or US-20030046064-\$), did. or (US-6765930-\$) or US-6477152-\$ or US-6477152-\$ or US-6310429-\$ or US-5311541-\$ or US-7120456-\$ or US-6128496-\$ or US-5308622-\$ or US-5589625-\$ or US-5589673-\$ or US-5638047-\$ or US-5638047-\$ or US-5638047-\$ or US-5638047-\$ or US-5638047-\$ or US-5638047-\$ or US-56379775-\$ or US-5579773-\$ or US-5579773-\$ or US-5579775-\$ or US-5638047-\$ or US-5579775-\$ or US-5579775-\$ or US-5579775-\$ or US-579775-\$ or US	US PCPUB; USPAT; DEEWENT	OR	ON	2009/11/28 16:54

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L46	24	L45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L47	13	L45 and address\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L48	13	L47	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L49	108	(divid\$3 chop\$3 segment\$4 fragment \$3 strip\$5 slic\$3) same sample\$1 same (fix\$2 predefermine \$1 predefind\$1) same (lenght\$1 siz\$3) same frequenc\$4 same voltag\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L50	108	L49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L51	3293	"s166"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L52	0	(divid\$3 chop\$3 segment\$4 fragment \$3 strip\$3 slic\$3) near10 sample\$1 near10 (fix\$2 predetermine\$1 predefind\$1) near10 (lenght\$1 siz\$3) near10 voltag\$3	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB	OR	ON	2009/11/28 16:54

L53	0	L52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L54	354	(divid\$3 chop\$3 segment\$4 fragment \$3 strip\$3 slic\$3) same sample\$1 same (fix\$2 predetermine \$1 predefind\$1) same (lenght\$1 siz\$3) same voltag\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L55	354	L54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L56	1016	370/276.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L57	1016	L56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L58	0	370/81.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L59	0	L58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L60	330	370/281.ccls.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/11/28 16:54

L61	330	L60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L62	466	370/295.ccls.	US POPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L63	466	L62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:54
L64	4484	370/328.ccls.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L65	4484	L64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L66	371	370/344.ccls.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L67	371	L66	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L68	6621	370/338.ccls.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55

L69	6621	L68	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L70	8400	370/352.ccis.	US-PCPUB; USPAT; USCCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L71	8400	L70	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L72	1585	370/535.ccis.	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L73	1585	L72	US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L74	446	370/538.ccis.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L75	446	L74	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L76	131	370/540.ccls.	US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55

L77	131	L76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L78	1217	701/201.ccls.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L79	1030	704/201.ccls.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L80	625	600/411.ccls.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:55
L81	1452	381/412.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:56
L82	190	381/408.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:56
L83	492	381/431.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:56
L84	2	GEHASI E-EYAL.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB	OR	ON	2009/11/28 16:57

L85	2	MENDELSOHN- TOMAS.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:57
L86	0	medit.as. and acoustic.clm.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/28 16:59

## EAST Search History (Interference)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L87	34	(((acoustic\$4) and transducer\$3 and frequenc\$4 and (wave\$3 signal\$1) and (multi\$3 many pluralit\$3) and assemble\$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/28 17:02
L88	0	(((acoustic\$4) and (arrary and digital \$1) and frequenc\$4 and (wave\$3 signal \$1) and (multi\$3) many pluralit\$3) and assemble\$4).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2009/11/28 17:05
L89	0	((acoustic\$4) and transducer\$3 and arrary\$3 and frequenc\$4 and (wave\$3 signal\$1) and (multi\$5 many pluralit\$3) and assemble\$4).clm.	US-PGPUB; USPAT; UPAD	ÖR	ON	2009/11/28 17:05

## 11/28/2009 5:06:04 PM

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